

0200170064-5

Approved For Release 2002/08/21 : CIA-RDP89B00980R000200170064-5

LOCKHEED AIRCRAFT CORP.			ENGINEERING STUDY <input type="checkbox"/> CHANGE PROPOSAL <input checked="" type="checkbox"/>			<b>LAC -173</b>				
DATE <u>17 Feb</u> <b>18 February 1964</b>			AFFECTS: <span style="margin-left: 100px;">WSPO <input type="checkbox"/></span>			PROJECT <input checked="" type="checkbox"/>				
NAME OF MAJOR COMPONENT <b>YOKE ASSEMBLY</b>		PART OR LOWEST SUBASSEMBLY			PART NO. & MODEL OR TYPE					
TITLE OF PROPOSAL : <b>Redesign of Rear Carriage Yoke Assembly (J75 Engine Installation)</b>										
NATURE OF PROPOSAL :  <div style="text-align: center; margin-top: 100px;">SEE PAGE 2</div>										
REASON FOR PROPOSAL : <b>Over the past 2 years a large quantity of yoke assemblies have been reworked because of thread failure on adjustment bolt P/N 75GH41. Thread failure was caused by eccentric loading on the bolt and rough thread surfaces. Existing bolt should be replaced by a larger bolt with rolled threads and the yoke assemblies modified accordingly.</b>										
ES	ESTIMATED COST AND TIME INVOLVED : ADDITIONAL FUNDING REQUIRED :									
CP	ESTIMATED COST FOR KITS OR PARTS : <span style="float: right;">SEE PAGE 2 and 3</span> ADDITIONAL FUNDING REQUIRED : <span style="float: right;">NONE - SP-1922</span>									
ITEMS AFFECTED BY PROPOSAL :										
SAFETY <input type="checkbox"/>	MISSION EFFEC- TIVENESS <input type="checkbox"/>	PERFORM- ANCE <input type="checkbox"/>	OPERATING PROCEDURE <input type="checkbox"/>	INTER- CHANGE- ABILITY <input checked="" type="checkbox"/>	WEIGHT OR WEIGHT & BALANCE <input type="checkbox"/>	TOOLS & SUPPORT EQUIPMENT <input checked="" type="checkbox"/>	MAINTEN- NANCE PROCEDURE <input type="checkbox"/>	SERVICE LIFE <input checked="" type="checkbox"/>	FLIGHT MANUAL <input type="checkbox"/>	MAINTEN- NANCE MANUAL <input checked="" type="checkbox"/>
EST. MAN/HRS. REQ'D. TO ACCOMPLISH CHANGE IN FIELD										
SOURCE OF PARTS FOR KIT  <b>LAC</b>					AVAILABILITY _____ WEEKS AFTER APPROVAL  <b>SEE PAGE 3</b>					
DISPOSITION OF SPARES AFFECTED  <b>REWORK</b>										
INITIATED BY : <b>LAC</b>					APPROVED : <b>X</b>					

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NATURE OF PROPOSAL:

Replace existing rear engine carriage yoke P/N 72GH27 with new yoke assembly incorporating a 3/4 diameter carriage adjustment bolt instead of the present P/N 75GH41 1/2 diameter bolt.

Rework and reidentify P/N 75GH26 cradle assembly and replace P/N 75GH28 to accommodate new bolt. Rework P/N 75GH24 Track Support station 555 bulkhead to provide clearance for new bolt head. Replace engine aft support link P/N 75P32 with new link to accommodate new yoke.

Prepare and issue S/B's as follows:

- A. Kit to replace P/N 75P32 on all airplanes and engine QEC's with new part.
- B. Kit to rework P/N 75GH26 Cradle and provide new parts to replace P/N 75GH28 washer and P/N 75GH27 yoke.
- C. Kit to rework P/N 75GH24 track support.

NOTE:

1. Incorporation of these 3 modifications must be coordinated to assure proper ground handling equipment is available after engine and airplane kits are incorporated.
2. Contractor recommends factory rework of P/N 75GH26 Cradle.

There is no weight change to the aircraft.

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